

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
7 April 2005 (07.04.2005)

PCT

(10) International Publication Number
WO 2005/030668 A3

(51) International Patent Classification⁷: B65G 67/16,
B66C 17/08

(21) International Application Number:
PCT/US2004/031703

(22) International Filing Date:
27 September 2004 (27.09.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/506,387 26 September 2003 (26.09.2003) US

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(81) Designated States (unless otherwise indicated, for every
kind of national protection available): AE, AG, AL, AM,
AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN,
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI,
GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE,
KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD,
MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG,
PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM,
ZW

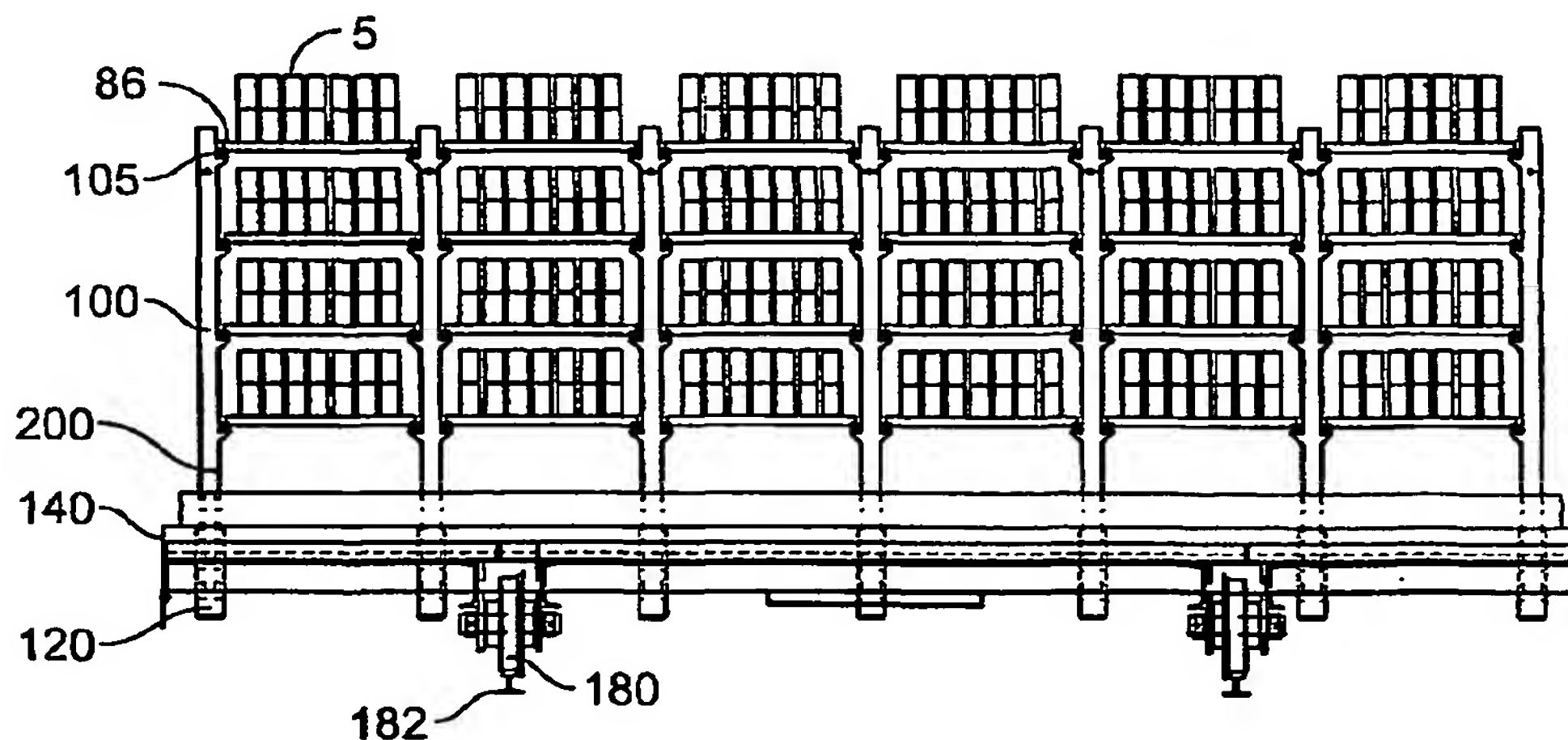
(84) Designated States (unless otherwise indicated, for every
kind of regional protection available): ARIPO (BW, GH,
GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM,
ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM),
European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI,
FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE,
SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the
claims and to be republished in the event of receipt of
amendments

[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR FIRING BRICKS



(57) Abstract: A method for firing bricks provides a kiln car (1, 101, 201) including furniture with silicon carbide vertical supports (200) to define multiple vertical levels and support crossbeams (38). Low sets of bricks (5) are positioned on a first carriage (15) having a conveyor, near one side of the kiln car (1, 101, 201). A second carriage (65) is extended beneath crossbeams for one level to a position adjacent the first carriage (15). The second carriage (65) includes spaced-apart rollers that interfit between crossbeams (38) for the level when the carriages are raised, so that tops of the rollers are slightly above the crossbeams (38). The rollers convey bricks (5) to a desired position, and the carriages (65) are lowered to rest the bricks on the crossbeams. Another embodiment uses a fork (77) to load and unload crossbeams (86) carrying bricks (5) from the horizontal support beams (85).

WO 2005/030668 A3



(88) Date of publication of the international search report:
9 February 2006

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.